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**UTILITY PATENT APPLICATION TRANSMITTAL
(only for new and continuation-in-part
nonprovisional applications under 37 CFR
1.53(b))**

Docket No.:
P-TB 5072

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Antonio de la Cruz
(TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE)

Patricia Wenzel
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This is a request for filing a
 new utility patent application under 37 CFR 1.53(b)(1).
 continuation-in-part under CFR 1.53(b)(2) of prior
application serial no. _____, filed _____
(list entire parentage).

Title: METHODS FOR PREDICTING FUNCTIONAL AND STRUCTURAL
PROPERTIES OF POLYPEPTIDES USING SEQUENCE MODELS

Inventor(s) (full name of each inventor): Daniel S. Sem,
Brian Baker and Mark R. Hansen

Enclosed are:

- Return receipt postcard
- Patent Application Bibliographic Data Sheet
- 1 Page application cover sheet
- 265 Pages of specification (includes claims and abstract)
- 27 Sheets of drawing(s)
- Pages of an executed Declaration for Patent Application
- An executed Power of Attorney for Patent Application by Assignee
- Paper copy of sequence listing, pages _____ through _____
- Sequence listing in computer readable form
- Statement Under 37 CFR 1.821(f)
- An executed assignment and cover sheet
- An executed Statement Under 37 CFR 3.73(b)
- An executed small entity statement
- Request for Nonpublication and Certification
- Also enclosed: _____

This application is based on prior foreign application(s)
No.(s) _____, filed in _____ on _____
_____, respectively, and priority is hereby claimed
therefrom.

This application is based on, and claims the benefit of,
U.S. Provisional Application No. 60/_____, filed _____
, and entitled _____, and which is incorporated
herein by reference.

Inventor(s): Sem et al.
Docket No.: P-TB 5072
Page 2

This application is based on, and claims the benefit of, U.S. Provisional Application No. 60/____ (yet to be assigned), filed December 29, 2000, which was converted from U.S. Serial No. 09/753,020, and entitled METHODS FOR PREDICTING FUNCTIONAL AND STRUCTURAL PROPERTIES OF POLYPEPTIDES USING SEQUENCE MODELS, and which is incorporated herein by reference.

The filing fee has been calculated as shown below:

FEE CALCULATION SHEET

	Number Filed	Number Extra	Rate		Fee	
			Small Entity	Other Entity	Small Entity	Other Entity
Total Claims	32-20	= 12	x \$9	\$18	= \$	\$
Independent Claims	3 - 3	= 0	x \$42	\$84	= \$	\$
Multiple Dependent Claims Presented: <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>			\$140	\$280	\$	\$
					BASIC FEE	\$370
					TOTAL FEE	\$740

A check in the amount of \$ _____ to cover the filing fee is enclosed.

The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.

The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.

Address all future communications to:

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Respectfully submitted,



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Date: December 28, 2001

Document: Patent Application
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